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| TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371 | | ATTORNEY'S DOCKET NUMBER T1118/20137 U.S. APPLICATION NO. (if known, see 37 CFR 1.5) 10/567872 |
| INTERNATIONAL APPLICATION NO. PCT/US2004/026509 | INTERNATIONAL FILING DATE August 13, 2004 | PRIORITY DATE CLAIMED August 13, 2003 |
| TITLE OF INVENTION USE OF RECEPTOR SEQUENCES FOR IMMOBILIZING GENE VECTORS ON SURFACES | | |
| APPLICANT(S) FOR DO/EO/US Iliia FISHBEIN, et al. | | |

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a submission under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a submission under 35 U.S.C. 371.
3. ☐ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
4. ☒ The US has been elected (Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
 - a. ☐ is attached hereto (required only if not communicated by the International Bureau).
 - b. ☐ has been communicated by the International Bureau.
 - c. ☒ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☐ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
 - a. ☐ is attached hereto.
 - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
 - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
 - b. ☐ have been communicated by the International Bureau.
 - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
 - d. ☒ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)).
9. ☐ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10. ☐ An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11 to 20 below concern document(s) or information included:

11. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 & 3.31 is included.
13. ☐ A preliminary amendment.
14. ☒ An Application Data Sheet under 37 CFR 1.76.
15. ☐ A substitute specification.
16. ☐ A power of attorney and/or change of address letter.
17. ☒ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821 - 1.825.
 Pursuant to 37 CFR § 1.821(f), Applicants hereby state that the information recorded in the concurrently filed computer readable form is identical to the written sequence listing submitted with the filed international application.
18. ☐ A second copy of the published International Application under 35 U.S.C. 154(d)(4).
19. ☐ A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4).
20. ☒ Other items or information: Cover Sheet of International Publication No. WO 2005/016414, form PCT/IB/308 Notification of the Recording of a Change of address for inventor NYANGUILE; U.S. Express Mail Transmittal EL 962212217 US, return receipt postcard

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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| U.S. APPLICATION NO. (If known, see 37 CFR 1.5) <div style="font-size: 2em; font-weight: bold; text-align: center;">10/567872</div> | | INTERNATIONAL APPLICATION NO. PCT/US2004/026509 | | ATTORNEY'S DOCKET NO. T1118/20137 | |
| The following fees have been submitted: | | | | CALCULATIONS PTO USE ONLY | |
| 21. <input checked="" type="checkbox"/> Basic national fee \$300 | | | | \$300 | |
| 22. <input checked="" type="checkbox"/> Examination fee If the written opinion prepared by ISA/US of the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) \$0 All other situations \$200 | | | | \$200 | |
| 23. <input checked="" type="checkbox"/> Search fee If the written opinion prepared by ISA/US of the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) \$0 Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority \$100 International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB \$400 All other situations \$500 <div style="text-align: right; font-weight: bold;">TOTAL OF 21, 22 and 23 =</div> | | | | \$600 | |
| <input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing filed in an electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof. | | | | \$ | |
| Total Sheets | Extra Sheets | Number of each additional 50 or fraction thereof (round up to a whole number) | RATE | \$ | |
| - 100 = | /50 = | | x \$250 | | |
| Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)). | | | | \$ | |
| CLAIMS | NO. FILED | NUMBER EXTRA | RATE | \$ | |
| Total claims | 32 - 20 = | 12 | x \$50 | \$600 | |
| Independent | 1 - 3 = | 0 | x \$200 | \$ | |
| MULTIPLE DEPENDENT CLAIM(S) (if applicable) | | | + \$360 | \$ | |
| TOTAL OF ABOVE CALCULATIONS = | | | | \$1200 | |
| <input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2. | | | | \$ | |
| SUBTOTAL = | | | | \$600 | |
| Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)). | | | | + | |
| TOTAL NATIONAL FEE = | | | | \$600 | |
| Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property | | | | + | |
| TOTAL FEES ENCLOSED = | | | | \$600 | |
| | | | | Amount to be refunded: | \$ |
| | | | | Amount to be charged: | \$600 |
| a. <input type="checkbox"/> A check in the amount of \$ _____ to cover the above fees is enclosed. b. <input checked="" type="checkbox"/> Please charge my Deposit Account No. <u>03-0075</u> in the amount of <u>\$600</u> to cover the above fees. A duplicate copy of this sheet is enclosed. c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>03-0075</u> . A duplicate copy of this sheet is enclosed. d. <input type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038. | | | | | |
| NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the Application to pending status. | | | | | |
| SEND ALL CORRESPONDENCE TO: | | | | <div style="font-family: cursive; font-size: 1.2em;">Marina E. Volin</div> | |
| <div style="border: 1px solid black; padding: 5px; display: inline-block;">Customer No. 03000</div> | | | | SIGNATURE Marina E. Volin | |
| | | | | NAME | |
| | | | | 52 328 | |
| | | | | REGISTRATION NUMBER | |

10/567872

IAP5 Rec'd PCT/PTO 08 FEB 2006

Attny Docket No. T1118/20137
PTO Customer No. 03000

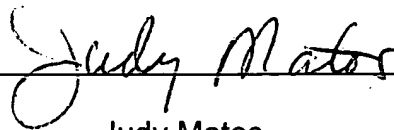
Applicants : Ilia FISHBEIN, et al.
Title : USE OF RECEPTOR SEQUENCES FOR
IMMOBILIZING GENE VECTORS ON
SURFACES

The following documents are submitted for the above-identified invention for entry into the U.S. National stage under 35 U.S.C. §371, based on the International Application No. PCT/US2004/026509, which includes the following:

1. Application Data Sheet;
2. Transmittal Letter, with Calculation Sheet, in duplicate;
3. Cover sheet of International Publication No. WO 2005/016414;
4. Form PCT/IB/306 Notification of the Recording of a Change of address for inventor Origene NYANGUILE;
5. One (1) computer readable form of the Sequence Listing which is identical to the written sequence listing submitted with the filed international application; and,
6. Return Receipt Post Card.

"Express Mail" Mailing Label No. EL 962212217 US
Date of Deposit: February 9, 2006

I hereby certify that the above-identified documents are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to
MAIL STOP PCT, ATTENTION: RO/EO/US, COMMISSIONER
FOR PATENTS, P.O. BOX 1450, ALEXANDRIA, VA, 22313-1450



Judy Matos